| Issue Classification |  |  |  |  |  |  |  |  |  |  |  |
|----------------------|--|--|--|--|--|--|--|--|--|--|--|
|                      |  |  |  |  |  |  |  |  |  |  |  |

| Application No. | Applicant(s) |  |  |  |  |  |  |  |
|-----------------|--------------|--|--|--|--|--|--|--|
| 09/842,714      | HONG ET AL.  |  |  |  |  |  |  |  |
| Examiner        | Art Unit     |  |  |  |  |  |  |  |
|                 |              |  |  |  |  |  |  |  |
| Peter J Lish    | 1754         |  |  |  |  |  |  |  |

|                                    |                             | ORI      | GIN  |  |  |                                       | CROSS REFERENCE(S)                      |                                       |             |  |                        |             |               |              |               |                          |                                       |          |       |            |
|------------------------------------|-----------------------------|----------|------|--|--|---------------------------------------|---|---------------------------------------|-------------|--|------------------------|-------------|---------------|--------------|---------------|--------------------------|---------------------------------------|----------|-------|------------|
| CL                                 | ASS                         |          |      | SUBCL                                  | ASS  |                                       | CLASS                                   | ASS SUBCLASS (ONE SUBCLASS PER BLOCK) |             |  |                        |             |               |              |               |                          |                                       |          |       | 100        |
| 4                                  | 23                          |          |      | 447                                    | .3   |                                       | 423                                     | 44                                    | 7.1         | 445  | īR                     |             |               |              |               |                          |                                       |          | 7     |            |
| INTE                               | RNAT                        | IONA     | L CL | ASSIFIC                                | CATION                                       |                                       | 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |                                       |             |  |                        |             |               |              |               |                          |                                       |          |       |            |
| D 0                                | 1 1                         | F        |      | 9/                                     | 12   |                                       | <del></del>                             |                                       | <del></del> | ******   |                        | <del></del> |               | <del></del>  |               |                          |                                       |          |       |            |
|                                    |                             |          |      |  | ,  |                                       | · · · · · · · · · · · · · · · · · · ·   |                                       |             |  |                        |             |               | <del> </del> |               |                          |                                       |          |       |            |
|                                    |                             |          |      |  | <u> </u>                                     | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · ·   | 1                                     |             |  |                        |             | <del>  </del> |              |               |                          | ·   ·   ·   ·   ·   ·   ·   ·   ·   · | <u> </u> | +     |            |
|                                    |                             |          |      | /                                      |  |                                       | <u></u>                                 |                                       |             |  |                        |             |               |              |               |                          |                                       |          |       |            |
| <u> </u>                           |                             | 1        |      | <u> </u>                               | <u>'                                    </u> | W 14                                  | <u> </u>                                | 1                                     |             |  |                        | *           |               |              |               | 3                        |                                       |          | 1     |            |
|                                    | 1                           |          |      | /                                      | <u> </u>                                     |                                       |   |                                       |             |  |                        |             |               |              |               |                          |                                       |          |       |            |
| /                                  | (Assistant/Examiner) (Date) |          |      |  |  |                                       | 7/03                                    | #W                                    |             |  |                        |             |               |              |               | Total Claims Allowed: 11 |                                       |          |       |            |
| AL 1 1/10/11                       |                             |          | lin  | STUART L. HENDRICKSON PREMARY EXAMPLER |  |                                       |   |                                       |             | 67   | O.G.<br>Print Claim(s) |             |               | 0            | .G.<br>t Fig. |                          |                                       |          |       |            |
| (Legal Instruments Examiner) (Date |                             |          | 19   | P                                      |  | た人名別の<br>mary Exa                     |   |                                       | (Date       | ······································           |                        |             | Claim         | S)           |               | r.c.y.                   |                                       |          |       |            |
|                                    | .~yanı                      | 1300     |      |  | ininiei)                                     | yea<br>                               |   |                                       |             |  |                        |             |               |              |               |                          | 1                                     |          |       | 1          |
|                                    |                             |          |      |  |  |                                       |   |                                       |             |  |                        |             |               |              |               |                          |                                       | ,        |       |            |
|                                    | Claim                       | is re    | nun  | nbere                                  |  | ie sar                                | ne orde                                 |                                       | reser       | ited by  | / appl                 | icant       |               | PA           |               |                          | D.                                    |          | ☐ R.  | 1.47       |
| Final                              | Original                    |          |      | Final                                  | Original                                     |                                       | Final                                   | Origina                               |             | Final  | Original               |             | Final         | Original     |               | Final                    | Original                              | :        | Final | Original   |
| 1                                  | 1                           |          |      |  | 31   | 1                                     | :                                       | 61                                    | {           |  | 91                     | 1           |               | 121          | . }           |                          | 151                                   |          |       | 181        |
| 2                                  | 2                           |          | Ì    |  | 32   |                                       |   | 62                                    |             |  | 92                     | 1           |               | 122          |               |                          | 152                                   |          |       | 182        |
| 3                                  | 3                           | ] :      | . [  |  | 33   |                                       |   | 63                                    |             |  | 93                     |             |               | 123          | İ             |                          | 153                                   |          |       | 183        |
| 4                                  | 4                           |          |      |  | 34   |                                       |   | 64                                    |             |  | 94                     |             |               | 124          |               |                          | 154                                   |          |       | 184        |
| 5                                  | 5                           | 4 .      | ٠. ا |  | 35   |                                       |   | 65                                    |             |  | 95                     | -           |               | 125          |               |                          | 155                                   |          |       | 185        |
| <u>6</u><br>7                      | 6<br>7                      | _        |      |  | 36<br>37                                     |                                       |   | 66<br>67                              |             |  | 96<br>97               | -           |               | 126<br>127   |               |                          | 156<br>157                            |          |       | 186<br>187 |
| 8                                  | 8                           | -        |      |  | 38   |                                       |   | 68                                    |             |  | 98                     | 1           |               | 128          |               |                          | 158                                   |          |       | 188        |
| 9                                  | 9                           |          |      |  | 39   |                                       |   | 69                                    |             |  | 99                     |             |               | 129          |               |                          | 159                                   |          |       | 189        |
| 10                                 | 10                          |          |      |  | 40   |                                       |   | 70                                    |             |  | 100                    |             |               | 130          | Ì             |                          | 160                                   |          |       | 190        |
| 11                                 | 11                          |          |      |  | 41   |                                       |   | 71                                    |             |  | 101                    |             |               | 131          |               |                          | 161                                   |          |       | 191        |
|                                    | 12                          | _   .    |      |  | 42   |                                       |   | 72                                    |             |  | 102                    |             |               | 132          | [             |                          | 162                                   |          |       | 192        |
|                                    | 13                          |          |      |  | 43   |                                       |   | 73                                    |             |  | 103                    |             |               | 133          |               |                          | 163                                   |          |       | 193        |
|                                    | 14<br>15                    |          |      |  | 44<br>45                                     | . :                                   |   | 74<br>75                              |             | ļ  | 104<br>105             | 1           |               | 134          | . }           |                          | 164<br>165                            |          |       | 194<br>195 |
|                                    | 16                          |          | Ì    |  | 46   | 1                                     |   | 76<br>76                              |             | <del>                                     </del> | 105                    | 1           | <u> </u>      | 136          | }             |                          | 166                                   |          |       | 195        |
|                                    | 17                          | $\dashv$ | ł    |  | 47   |                                       |   | 77                                    |             |  | 107                    |             | <u>-</u>      | 137          |               |                          | 167                                   |          |       | 197        |
|                                    | 18                          | $\neg$   | ļ    |  | 48   |                                       |   | 78                                    |             |  | 108                    | 1.          |               | 138          |               |                          | 168                                   |          |       | 198        |
|                                    | 19                          |          | [    |  | 49   |                                       |   | 79                                    |             |  | 109                    |             |               | 139          |               |                          | 169                                   |          |       | 199        |
|                                    | 20                          | _        |      |  | 50   |                                       |   | 80                                    |             |  | 110                    |             |               | 140          | ļ             |                          | 170                                   |          |       | 200        |
|                                    | 21                          | _        |      |  | 51   |                                       |   | 81                                    |             |  | 111                    | -           |               | 141          |               |                          | 171                                   |          |       | 201        |
|                                    | 22<br>23                    | $\dashv$ | }    |  | 52<br>53                                     |                                       | -                                       | 82                                    |             |  | 112                    | 1           |               | 142          | •             |                          | 172                                   |          |       | 202        |
|                                    | 24                          | -        | }    |  | 54   |                                       |   | 83<br>84                              |             |  | 113<br>114             | 1           |               | 143<br>144   | . }           |                          | 173<br>174                            |          |       | 203        |
|                                    | 25                          | -        | .    | -                                      | 55   |                                       | -                                       | 85                                    |             |  | 115                    | 1           |               | 145          | . }           |                          | 175                                   |          |       | 205        |
|                                    | 26                          | 7        | • }  |  | 56   |                                       |   | 86                                    |             |  | 116                    | 1           |               | 146          | 1             |                          | 176                                   |          |       | 206        |
|                                    | 27                          | 1        | Ī    |  | 57   |                                       |   | 87                                    |             |  | 117                    | 1           |               | 147          |               |                          | 177                                   |          |       | 207        |

**ISSUE CLASSIFICATION**